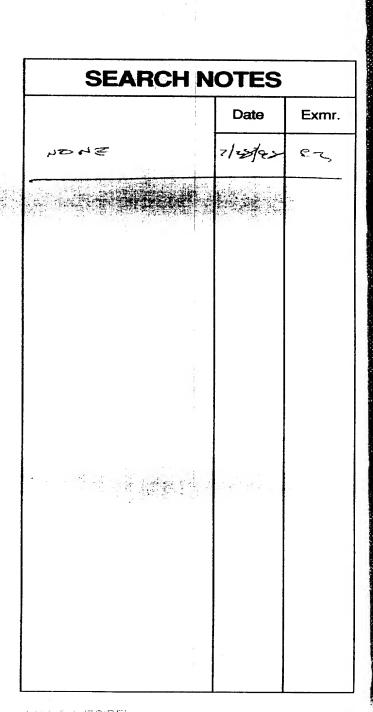


Patent & Trademark Office is restricted to authorized employees and contractors only

	SEAR	CHED	
Class	Sub.	Date	Exmr.
455	437 437 4427 522 557 559	7/28/95	6-27
375	231	10/6/90	e3

INTERFERENCE SEARCHED										
Class	Sub.	Date	Exmr.							
455	メチン	10/9/18	87							
3725	331									



Staple Issue S ip Here

POSITION	ID NO.	DATE
CLASSIFIER		
EXAMINER	179300	18-15
TYPIST		
VERIFIER		
CORPS CORR.		
SPEC. HAND		
FILE MAINT.		
DRAFTING		

INDEX OF CLAIMS

Claim					Da	ate				
	Final	Original	4.5%	286	0					
	-	1	1	⋛	+				-	
	7 - 3 4 5	2 3	47	1=	4_			-		
	-	2	+		-	-				
	12	3	11	11	1					
	4	5	44-	+	ļ					
	>	5	11	+			4			
	4	. طی	$\downarrow \downarrow$	11	ـــــــ	4				
f	7 8	7 8	41	1						
	8	8	Ш		L.,					
	1	9	Ш	$\perp \! \! \! \! \! \! \! \! \perp$	1_					
	1/2	10	\bot		<u> </u>					
-	I	11	13			1				
	12	12		$\perp \perp$	<u> </u>					
	13	13	Ш							
	14	14	Ш	1						
f	12	15	M	11		1				
	16	16			1					
	17	17			<u> </u>					
ŧ	18	7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24						1		
	19	19	11		L					
	2.3:	20	+	سند	1	ļ		1		
1	24	(21)	1							
	L	22	-							
		23		20						
		24.			1					
		25 26	7	759						
		26	1	1.50	1	<u> </u>				
	22 23	- 27								
	23	27 28 26 30	<u> </u>		L					
	24	24		=		L.				
		30								
		3/1								
		3/1 3/2	L	<u> </u>			<u> </u>			
		33		ļ	L					
		34		9		<u> </u>			<u> </u>	
		35		E				ļ		
1	_4	34 35 36	1	-				-		
	4	37		<u> </u>		<u> </u>	ļ	ļ	<u> </u>	
ŀ		38					<u> </u>	ļ	<u> </u>	
-		39				-	 	ļ		<u> </u>
ļ		40				ļ	<u> </u>	ļ		
-		41 42					ļ			
}		43								
-		43				 	<u> </u>		 	
}	\dashv	45							<u> </u>	\vdash
-		46				 	 	-	-	
-		47					-			
-	-	48		\vdash						
		49								
-		50								-
Ĺ									L	

	SYMBOLS	
=	(Through numberal)	Allowed
		Restricted
Ņ		Non-elected
A		Appeal
υ		Objected

C	laim		Date						
Final	<u></u>								
	51	+	†	1	+	+-	+	+	+
	52	+	+-	+	+-	+	+	+	+
-	53		+	+	+-	+-	+-	 	
	54	+	1	+	1-	+-	+	+	+
	55	 	+	╁┈╴	+-	+	+	+	+
	56	+	†	+	+	+-	+	+	+
	57	+-	+	+	+	+	+		+
	58	†	+	 	+	+	+	+	 i
	59	1	<u> </u>	+	1	+-	+	+-	
	60		† -	1	1	+-	+	 	
	61	T		 	+	 	+-	+-	1
	62	1	1	†	+	+	 	†	
	63			1	_				
	64		1	†	1-		+	† 	-
	65		1	1	1	1	1		\vdash
	66			1	1	1	1	1	
	67			†		1	1	1	
	68								
	69								
	70								
	71	1		-	1	-	-	1-	
	72					1	†		
	73				\top	+	+	 	
	74		T				1		
	75				1				
	76								
	77								
<u></u>	78								
<u></u>	79								
	80	ļ			<u> </u>				
	81	ļ							
ļ	82				ļ		<u> </u>		
	83				ļ	<u> </u>	<u> </u>		
	84				ļ				
	85	ļ			ļ	<u> </u>	L		
<u> </u>	86								
	87 88		-		ļ				
			<u> </u>						
	89 90					<u> </u>			
			-		<u> </u>	<u> </u>			
_	91						ļ		
-	92								
	93 94						-		
	95					-			
$\vdash \vdash \vdash$	96								
\vdash	97	-	-						
	98		-+			-			
┝─┤	99		-						
	100								
L									

	PATENT A		TION FEE [Effective Octo	DETERMINAT ber 1, 1996	TON RECO	RD	So	58	8=	$\Delta \propto$
		CLAIM	S AS FILED - (Column 1)		lumn 2)	SMA	LL ENTITY	OR		R THAN ENTITY
FOF		NUI	MBER FILED	NUMBER	EXTRA	RATE	FEE		RATE	FEE
BAS	C FEE						385.00	OR	1	770.00
тот	AL CLAIMS	21	minu	s 20 = *		x\$11:		OR	x\$22=	
INDE	PENDENT CL	AIM97	min	us 3 = *		x40=	=	OR	x80=	
MUL	TIPLE DEPEND	DENT CLAIM I	PRESENT			+130:	_		+260=	
* If t	ne difference in co	olumn 1 is less t	han zero, enter "0"	in column 2		TOTAL		OR	TOTAL	7/1/
		CL AIMS A	AS AMENDED	DADTII		TOTAL	-	OR		110
		(Column 1		(Column 2)	(Column 3)	SMA	LL ENTITY	OR		R THAN ENTITY
ENT A		CLAIMS REMAININ AFTER AMENDME	IG	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MO	Total	*	Minus	**	=	x\$11=	=	OR	x\$22=	
AMENDMENT	Independent	*	Minus	***	=	x40=		OR	x80=	-
⋖	FIRST PRE	SENTATION	OF MULTIPLE	DEPENDENT CL	.AIM	+130=	=	OR	+260=	
						TOTA ADDIT. FE		OR	TOTAL ADDIT. FEE	
		(Column 1 CLAIMS	Depression of the second	(Column 2) HIGHEST	(Column 3)	l r		, 1	ADDIT, FEE	
ENT B		REMAININ AFTER AMENDME	IG I	NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
Σ	Total	*	Minus	**	=	x\$11=	=	OR	x\$22=	
AMEND	Independent	*	Minus	***	=	x40=	:	OR	x80=	
4	FIRST PRE	SENTATION	OF MULTIPLE	DEPENDENT CL	AIM	+130=	=	OR	+260=	
		(Column 1)	(Column 2)	(Column 3)	TOTA ADDIT. FE		OR	TOTAL ADDIT. FEE	
AMENDMENT C		CLAIMS REMAININ AFTER AMENDME	IG .	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MO	Total	*	Minus	**	=	x\$11=	=	OR	x\$22=	
MEN	Independent	*	Minus	***	=	x40=	:	OR	x80=	
Ā	FIRST PRE	SENTATION	OF MULTIPLE	DEPENDENT CL	AIM	+130:	-	OR	+260=	
** If	the "Highest Nu	mher Previous	v Paid For [*] IN THI	umn 2, write "0" in col S SPACE is less thar	1 20 enter "20 "	TOT.	AL	OR	TOTAL	
***If	the "Highest Nur ne "Highest Num	mber Previousl ber Previously	y Paid For" <mark>IN</mark> THI Paid For" (To tal o	S SPACE is less than r Independent) is the	n 3, enter "3." highest number fo				ADDIT. FEE 1.	

APPROVED FOR LICENSE PATENT APPLICATION 71684 U.S. P INITIALS Date Entered Date Received **CONTENTS** or Counted When Entering a Paper See Scanned Notice Inside File papers 2 Put 1. Application 8. (simenelor) 13. ice & allowance 11-23-48 755me PTO Grant FEB 0 2 1999 ≥ 0.5 18. -mange o 20. 21. 22. 23. 24. 25. 26. **27**. 28. **29.** • 30. 31. 32.

(FRONT)